NATIONAL INTELLIGENCE SURVEY

REFERENCE GUIDE

This revision of the NIS Reference Guide is issued under the NIS maintenance program. It supersedes the original Reference Guide, dated July 1957, copies of which should be destroyed.

CENTRAL INTELLIGENCE AGENCY
OFFICE OF BASIC INTELLIGENCE
Washington, D. C.

WARNING

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collection in foreign areas, but to have it ready in the event of national emergency.

In a letter written in 1945 to the Chief of Naval Operations, the Commandant, U.S. Marine Corps, put it as follows:

Our experience in this war has effectively proved that if the United States is to have the necessary basic intelligence available for early planning of possible operations, it is essential that such intelligence be collected, collated, published, and distributed—i.e., ready to use—prior to the beginning of hostilities.

The National Security Council gave attention to these wartime experiences and, on 13 January 1948, created the NIS Program and charged the Director of Central Intelligence with responsibility for coordinating the efforts of the Intelligence Agencies, with support of other components of the Government, in the development and production of basic intelligence on foreign countries, areas, and broad special subjects as required in the interests of the national security.

Basic Concepts of the NIS Program

The NIS is designed to serve fully the basic intelligence requirements of the Department of Defense in strategic and high level operational planning, and the Department of State in formulating and executing U.S. foreign policy. The NIS also serves lower planning and operational levels in the Armed Forces and the Department of State and, in addition, all other Government agencies which require basic intelligence in the accomplishment of their missions.

In general, the intelligence contained in the NIS is concerned with the relatively permanent features and fundamental characteristics of a country, area, ocean basin, or broad special subject, and covers such fields as the geographical, transportation, sociological, political, economic, scientific, and military aspects of the country or area or the fundamental aspects of the broad special subject.

The NIS Program has developed in two phases: first, the initial production of NIS on countries or areas in accordance with Joint Chiefs of Staff priorities and Intelligence Agency capabilities; and, second, the continuous maintenance of published NIS. The two phases proceed concurrently.

The objective of the first phase has been to produce integrated basic intelligence on all countries and areas within the limits of available information.

The objective of the second phase is to maintain the continuing validity of the basic intelligence in published NIS. Worldwide collection of information for the NIS is a continuing process. Sections are revised and issued under the NIS

maintenance program when sufficient information is available to improve their adequacy as follows: 1) presenting fundamentally changed situations in an area; 2) filling gaps in intelligence sufficient to require new evaluations; or 3) incorporating new intelligence requirements which reflect policy, planning, or high level operational needs. It is the responsibility of agencies having primary interest to place each NIS unit actively on a maintenance basis as soon as the unit has been initially produced and to revise the unit for publication as required by these NIS maintenance criteria.

Production for the NIS Program requires an over-all collection effort covering all foreign countries and areas of the world simultaneously. The intelligence data resulting from this collection and continuous processing necessarily are more comprehensive and detailed than those appearing in the printed NIS and constitute a reservoir of available basic information to serve the interests of the national security.

While each published NIS unit is an integral component in the National Intelligence Survey of comprehensive basic intelligence on the relevant area, it usually is published and disseminated separately for flexibility in production, use, and maintenance.

NIS Standard Instructions

The NIS Standard Instructions are issued in implementation of National Security Council Intelligence Directive No. 3. They contain a listing of NIS Areas, outlines of basic intelligence requirements, allocations of responsibility for production, and instructions for the preparation of this intelligence. The Standard Instructions were prepared by a joint committee of representatives of the Director of Central Intelligence and the Chiefs of Intelligence Agencies of the Departments of State, the Army, the Navy, and the Air Force; were concurred in by the Intelligence Advisory Committee; and were approved by the National Security Council. Changes in outline requirements and other modifications are made when authorized and approved by the permanent NIS Committee.

The outlines and outline guides contained in the NIS Standard Instructions are so drafted as to cover all the basic intelligence aspects of the most complex foreign country or area. However, the appropriate treatment of any topic included in the outlines and outline guides is determined by the way that topic applies to the particular country or area under consideration. In short, the outlines and outline guides are flexibly adaptable to the country or area or topic concerned.

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Content of the NIS

A standard NIS is divided into chapters, each covering a major functional aspect of the country or area under consideration. These chapters are divided into sections, each of which treats a major subdivision of the field covered by the chapter. The standard NIS chapters are:

Brief Chapter I Military Geography Chapter II Chapter III Transportation and Telecommunications Chapter IV Sociological Political Chapter V Chapter VI Economic Chapter VII Scientific Chapter VIII ... Armed Forces Chapter IX Map and Chart Appraisal

The section is the basic unit of NIS production, dissemination, and subsequent maintenance. Each individual section carries its own security classification, indicates the Intelligence Agency primarily responsible for its preparation, and bears the date on which the responsible agency approved the material for NIS publication.

When appropriate, chapter discussion is amplified by more detailed treatment in one or more supplements. Supplements are prepared only if the topic in question is sufficiently important in an NIS Area to warrant this detailed treatment. There are six supplements:

Supplement I Ports and Naval Facilities
Supplement II Coasts and Landing Beaches
Supplement III Telecommunications
Supplement IV Urban Areas
Supplement V Petroleum
Supplement VI Communism

The NIS on Ocean Areas, entitled Marine Climate and Oceanography, divides the world's four ocean basins into Parts, which are units of production and maintenance. Ocean basins are designated as follows:

NIS 104	Atlantic Basin	11	Parts
NIS 105	Pacific Basin	12	Parts
NIS 106	Indian Basin	4	Parts
NIS 107	Arctic Basin	1	Part

Basic intelligence on International Communism is covered in the NIS in two units. One unit, Supplement VI (Communism), provides intelligence on the Communist apparatus in individual countries. The second unit appears as NIS 108 (International Communism) and gives integrated coverage on worldwide Communist front organizations.

The standard NIS includes a gazetteer of geographic names approved by the United States Board on Geographic Names. NIS Gazetteers are issued as separate volumes.

A consolidated biographical reference work, Key Personalities, is prepared for each standard NIS.

An NIS Annual is prepared to provide limited maintenance of Chapter I between formal revisions of that Chapter.

Separate entities within a larger NIS Area, such as the Vatican within NIS 17 (Italy), may be separately produced as Annexes to the pertinent Introduction Sections.

Use of the NIS

The NIS is used by components of the Government both in Washington and in the field for a wide range of purposes from the highest policy and planning to operational levels. In consequence, the manner in which the NIS is used and the amount of detail desired is subject to wide latitude. The NIS is designed to satisfy these requirements within practical limits by providing NIS units at three levels of detail within the integrated survey:

1) A succinct summary in Chapter I; 2) more comprehensive coverage in Chapter II—IX; 3) extensive detail on certain subjects in Supplements.

The Chapter I (Brief) of the NIS is based on detailed research supporting production of the other NIS chapters and provides an evaluative overview of the important basic intelligence on an NIS Area. It is designed to present a clear, concise view of the area and to contain sufficient detail within itself to serve as an initial basis for strategic planning. Chapter I alone is not expected to support planning in depth nor to provide the user with all the details required for any special purpose. Additional details may be located by consulting the Master Index, which correlates Chapter I with the other sections, chapters, and supplements of the complete NIS on that area.

The user will find more comprehensive coverage of Chapters II-IX topics in the regular NIS Sections, whose contents are described elsewhere in the NIS Reference Guide. In addition, the user should always consult the related Introduction Section of each Chapter for integrated treatment not covered in the topical section. Since there are many significant topical interrelationships in an NIS, the user should not expect to find full coverage of a topic within a single section. For his guidance, therefore, a short description of the more important interrelationships appears on the first page of most sections under the section title. A more comprehensive list of related sections is contained in the NIS Correlation Guide appearing elsewhere in this publication.

Certain topics requiring detailed coverage beyond that normally contained in Chapters II-IX are provided in the NIS Supplements, which are described elsewhere in the NIS Reference Guide.

The NIS is concerned with the fundamental situation in a country or area, and remains generally valid with respect to the fundamental situation until superseded by revisions under the NIS maintenance program. The user may keep himself abreast of the immediate situation by applying current intelligence to that contained in the NIS.

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NIS Areas

(See NIS Areas Index Map following page 28)

For purposes of ready identification the entire world, land and sea, except the continental United States, is divided into numbered NIS Areas. The NIS Area numbers and titles are given in the list below. The NIS Area numbers combine with NIS Section, Chapter, or Supplement numbers (see NIS Outlines) to identify each printed NIS unit by convenient short title.

NIS Areas are numbered consecutively from NIS through NIS 107. Land areas are covered in NIS 1 through 103. Ocean areas are covered in NIS 104 through 107. NIS 108 is titled "International Communism" and gives integrated worldwide coverage on Communist front organizations.

Political developments have required from time to time that some of the originally designated NIS Areas be divided into two or more new NIS Areas, which are designated by the addition of capital letters to the original NIS numbers. Complete NIS are being produced on these new Areas. However, in the intervening period it may be necessary to refer to the original NIS Area for coverage on certain topics.

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(Offshore island possessions are normally included in the related NIS Areas; see NIS Base Maps in published NIS units for definitive boundaries.) NIS TITTE

		GENERAL REA
NIS	TITLE	GENERAL WEA
.,,	Ireland	Republic of Ireland.
2	France	France and Monaco.
3 4	Netherlands	Netherlands.
		Belgium.
5	Belgium	Luxembourg.
6	Luxembourg Denmark	Denmark, including the Faeroe Island
7		Portugal, including the Azores, Madeira, and the Cape Verde Islands.
8	Portugal	
9	Spain	Spain, including the Canary Islands and Andorra.
10	Norway	Norway, including Svalbard and Jan Mayen.
11	Sweden	Sweden.
122	Finland	Finland. 25X6
10 4	East Germany	
13A	East Germany	"German Democratic Republic" and Soviet Sector of Berlin. 25X6
14	Poland	Poland, within present de facto boundaries, including the former Free City
		of Danzig and the portions of Germany under Polish administration.
1.5	Switzerland	Switzerland and Liechtenstein.
16	Austria	Austria.
17	Ttaly	Italy, San Marino, Vatican City, and the part of the Free Territory of Trieste administered by Italy.
18	Czechoslovakia	Czechoslovakia.
19	Hungary	Hungary.
20	Albania	Albania.
21	Yugoslavia	Yugoslavia, and the part of the Free Territory of Trieste administered by Yugoslavia.
22	Rumania	Rumania.
23	Bulgaria	Bulgaria.
24	Greece	Greece.
25	Gibraltar, Malta and Cyprus	Gibraltar, Maltese Islands, and Cyprus
25A	Gibraltar	Gibraltar.
25 B	Malta	Maltese Islands.
25C	Cyprus	Cyprus.
26	U.S.S.R.	U.S.S.R. within present de facto boundaries, including the Baltic States, northern East Prussia, Tannu Tuva. Kuril Islands, and Sakhalin.

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NIS AREAS

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Part I		(Chapter II) the U.S.S.R. is divided into 5 parts as follows:
		(Chapter 11) the U.S.S.R. is divided into 5 parts as follows:
Doub Tr	European U.S.S.R.	European U.S.S.R. within present de facto boundaries, including the Baltic States and northern East Prussia.
Part II	Soviet Central Asia	Soviet Central Asia.
Part III	Urals and West Siberian Plain	
Part IV Part V	Central and Eastern Siberia The Caucasus	Central and Eastern Siberia, including the Kuril Islands and Sakhalin. The Caucasus, including Soviet Transcaucasia.
27	Turkey	
28	Syria and Lebanon	Turkey. Syria and Lebanon.
28A	Syria Syria	Syria.
28B	Lebanon	Lebanon.
29	Jordan	Jordan.
30	Iran	Iraq.
		Israel.
32	Arabian Peninsula	Arabian Peninsula, including Saudi Arabia Kuwait, Kuwait-Saudi Arabia Neutral Zone, Iraq-Saudi Arabia Neutral Zone, Bahrein, Qatar, Trucial Coast, Muscat and Oman, Yemen, Colony of Aden, and Aden Protectorate (including Socotra).
33	Iran	Iran.
3 4 35	Afghanistan India	Afghanistan.
	India	India, including Andaman, Nicobar and Laccadive Islands, Jammu and Kashmīr, Nepal, Bhutan, and Portuguese India.
36	Pakistan	East and West Pakistan and the Oman settlement of Gwadar.
37	Ceylon	Ceylon.
38	Burma	Burma.
39 39A	China	China, including Tibet and Taiwan; Hong Kong and Macao.
)9A	Communist China	Communist China, including Tibet.
	For geographic treatment (C)	napter II) Communist China is divided into 4 parts as follows:
Part I	Western China	Western China, including Tibet.
Part II	Manchuria	Manchuria.
Part III	North China	North China.
Part IV	South China	South China, including all Communist-held islands.
9B	Nationalist China	Nationalist China, including all Nationalist-held islands; Hong Kong and Macao.
10	Mongolia	"Mongolian Peoples Republic."
11	Korea	Korea.
1A	North Korea	North Korea.
1B	South Korea Thailand	Republic of Korea.
12 13	Indochina	Thailand.
:3 А	Cambodia	Former Indochina.
3B	Laos	Cambodia. Laos.
3C	North Vietnam	
3D	South Vietnam	North Vietnam.
	Victionii	South Vietnam, the Paracel Islands, Spratly Island, and other islands and reefs to the eastward.
4	British Indonesia	Federation of Malaya, Singapore, Sarawak, Brunei, and North Borneo.
4A	Malaya and Singapore	Federation of Malaya and Singapore.
4B	British Borneo	Sarawak, Brunei, and North Borneo
		25X6
.6	Tunisia	Tunisia.
7	Algeria	Algeria.
8	Morocco	Morocco and Ifni.
	Libya	Libya.
0	West Africa	Ghana, Nigeria, British Cameroons, Western African Member States of the French Community, Guinea, Togo, Spanish Sahara, Sierra Leone, Gambia, and Portuguese Guinea.
0 A	Ghana	Ghana.
0B	Nigeria and British Cameroons	Nigeria and British Cameroons.
0C	French West Africa, Guinea,	Western African Member States of the French Community (includes
	Togo, and Spanish Sahara	Danoniey, Ivory Coast, Mauritania Niger Senegal Soudan and Wolfe)
OD	Sierra Leone, Gambia, and	Guinea, Togo, and Spanish Sahara. Sierra Leone, Gambia, and Portuguese Guinea.
ı	Portuguese Guinea	
1	Liberia	Liberia.

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NIS	TITLE	GENERAL AREA
	The second secon	Equatorial African Member States of the French Community (Central
	Equatorial Africa	African Republic, Chad, Congo, and Gabon), Cameroun, Spanish Guinea (includes Rio Muni, Annobón, Fernando Po, Corisco and Islas Elobey),
		and São Tomé e Principe.
	Egypt	Egypt, including the "Gaza Strip."
A	United Arab Republic	Egypt and Syria.
	Sudan	Sudan.
	Ethiopia, Eritrea, and the Somalilands	Ethiopia, Eritrea, British Somaliland, French Somaliland, and Somalia.
	British East Africa	Kenya, Zanzibar Protectorate, Ugand, and Tanganyika.
A	Kenya and Zanzibar Pro- tectorate	Kenya and Zanzibar Protectorate.
В	Uganda	Uganda.
J	Tanganyika	Tanganyika. Federation of Rhodesia and Nyasaland.
	Rhodesia and Nyasaland	
	Mozambique	Mozambique.
	Angola	Angola, including Cabinda. Belgian Congo and Ruanda-Urundi.
	Belgian Congo	Union of South Africa, South-West Africa; Bechuanaland, Swaziland
	South Africa	and Basutoland.
	Malgache Republic and Ré- union	Madagascar and Comoro Islands, and Reunion. Maldive Islands, Mauritius, Christmas Island, Cocos Islands, Seychelles
	Indian Ocean Islands	Prince Edward Islands, Crozet Islands, Kerguelen Islands, Heard Island McDonald Islands, Amsterdam Island, and St. Paul Island.
Ŀ	South Atlantic Islands	Colony of Saint Helena (includes Assension Island, Saint Helena Island, and the Tristan da Cunha Groups, Falkland Islands, South Georgia
25)	K 6	South Sandwich Islands, South Oreney Islands, South Shetland Island and Bouvet Island.
,	Aiaska	Former Territory of Alaska.
,	Greenland	Greenland.
X6	[celand	Iceland.
, NO	Antarctica	Antaretica.
		25X6
	Guatemala	Guatemaia.
	British Honduras	British Honduras.
3	Honduras	Honduras, including territory north of the Río Coco.
ļ.	El Salvador	El Salvador, including small areas claimed by Honduras,
•	Nicaragua	Nicaragua.
3	Costa Rica	Costa Rica, including Cocos Island.
7	Panama	Panama, including the Canal Zone.
3	Cuba	Cuba.
)	Haití	Haiti.
)	Dominican Republic	Dominican Republic.
1	British Western Atlantic Possessions	Colonies of the Bahamas, Jamaica ancluding dependencies of Cayma Islands, Turks and Caicos Islands, Morant Cays, and Pedro Cays), Leward Islands, Barbados, Dominica. Grenada, Saint Lucia, Saint Vincer Trinidad and Tobago, and Bermuda.
1A	The West Indies	Jamaica (including dependencies of Cayman Islands, Turks and Caicon Islands, Morant Cays and Pedro Cays), Leeward Islands, Barbado Dominica, Grenada, Saint Lucia, Saint Vincent, Trinidad and Tobago.
В	Bermuda, Bahama Islands, and British Virgin Islands	Colonies of Berumda, the Bahamas, and the British Virgin Islands.
2	Netherlands Antilles	Aruba, Bonaire, Curação, Saba, Sin'. Eustatius, and Dutch part of Sai Martin.
3	French West Indies	Martinique, Guadeloupe and Dependencies (Marié Galante, Iles d Saintes, Désirade, Saint Barthélemy), and French part of Saint Marti
4	U.S. Possessions in the Caribbean	Commonwealth of Puerto Rico, Virgia Islands, Swan Islands, Corn Island Navassa Island, Serrana Bank, Serranilla Bank, Roncador Bank, an Quita Sueno Bank.
5	Colombia	Colombia, including Isla de Malpeio, Archipiélago de San Andrés Providencia.
6	Venezuela	Venezuela.
7	Ecuador	Ecuador, including the Galapagos Islands.
8	Peru	Peru.
	Chile	Chile, including Easter Island, Isla Sala y Gómez, Islas Fernández, Islas
19	CAMAC	San Felix, Isla San Ambrosio, and islands south of Tierra del Fue disputed with Argentina.
	Awrenting	Argentina, including Isla Martin Garcia.
Α	AIPPHLIIIA	
)0)1	Argentina Oruguay	Uruguay. Confidenti

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1419	TITLE	GENERAL AREA	
92 93 94	Paraguay Bolivia Brazil	Paraguay. Bolivia. Brazil, including Ilha de Trindade, Fernando de Noronha, Pedro e São Paulo.	Rochedos São
	For geographic treatme	nt (Chapter II) Brazil is divided into 2 parts as follows:	
Part I Part II	Southeast Brazil Northwest Brazil	Southeast Brazil. Northwest Brazil.	
95 95 A 95 B 95 C	The Guianas British Guiana Surinam French Guiana	British Guiana, Surinam, and French Guiana. British Guiana. Surinam. French Guiana.	25X6
98	Hawaii	Hawaiian Islands.	
99	Philippines	Philippine Islands.	
100	Indonesia	Republic of Indonesia, Netherlands New Guinea, and Portu	IGNIOGO Timo
100 A	Republic of Indonesia	Republic of Indonesia and Portuguese Timor.	iguese 11mor.
$100\mathbf{B}$	Netherlands New Guinea	Netherlands New Guinea.	
101 102	West Pacific Islands Southwest Pacific Islands	All islands in the Trust Territory of the Pacific Islands, Wake Johnston Island, Sand Island, and the Midway Islands.	Atoll, Guam,
IUZ	SOULDWEST PARIDO ISLANDS	Torritory of Donus Hamilton of M.	

MARINE CLIMATE AND OCEANOGRAPHY

Pitcairn Island, and adjacent British Islands.

Ocean Island, and Nauru.

Territory of Papua, Territory of New Guinea, British Solomon Islands

Palmyra Island, Kingman Reef, Phoenix Islands, Tokelau Islands, Samoa

Islands, Cook Islands, Line Islands, the French establishments in Oceania,

Protectorate, New Hebrides Condominium, New Caledonia and Dependencies, Colony of Fiji, Kingdom of Tonga, Gilbert Islands, Ellice Islands,

(NIS Areas 104 through 107 cover the world's ocean areas.)

NIS	TITLE	GENERAL AREA
104	Atlantic Basin	Atlantic Ocean
Part I	Western Sector of North Atlantic	manue Ocean
Part II	Northern Sector of North Atlantic	
Part III	East-Central Sector of North Atlantic	
Part IV	Equatorial Atlantic	
Part V	Central Sector of South Atlantic	
Part VI	Southwestern Sector of South Atlantic and Southeastern Sector of South Pacific	
Part VI I	Southeastern Sector of South Atlantic	
Part VIII	Eastern Sector of South Atlantic	
Part IX	Mediterranean and Black Seas	
$\operatorname{Part} \mathbf{X}$	Northeastern Sector of North Atlantic and the Baltic Sea	
Part XI	Norwegian, Greenland, and Barents Seas	
.05	Pacific Basin	Pacific Ocean.
Part I	Northeastern Sector of North Pacific	racine Ocean.
Part II	Southeastern Sector of North Pacific	
Part III	Northeastern Sector of South Pacific	
Part IV	South-Central Sector of South Pacific	
Part V	North-Central Sector of South Pacific	
Part VI	South-Central Sector of North Pacific	
Part VII	North-Central Sector of North Pacific	
Part VIII	Bering Sea	
Part IX	Northwestern Sector of North Pacific, the Sea of Okhotsk, and the Sea of Japan	
Part X	Southwestern Sector of North Pacific	
Part XI	South China Sea and Seas of the Malay Archipelago	
Part XII	Western Sector of South Pacific	

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Southwest Pacific Islands

South Pacific Islands

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NIS	TITLE	GENERAL AREA
106 Part I	Indian Basin Northeastern Sector of Indian Ocean Southeastern Sector of Indian Ocean	Incian Ocean.
Part III Part IV 107	Southwestern Sector of Indian Ocean Northwestern Sector of Indian Ocean Arctic Basin	Arctic Ocean.

INTERNATIONAL COMMUNISM

(NIS 108 is a topical survey of worldwide Communist front organizations. Each Part listed below is published as a separate unit.)

		A STATE OF THE STA
.,	PART	TITLE
	Part I	Introduction
	Part II	The World Federation of Democratic Youth
	Part III	The World Federation of Teachers Unions
	Part IV	The International Union of Students and International Students Relief
	Part V	Women's International Democratic Federation
	Part VI	International Organization of Journalists
	Part VII	International Association of Democratic Lawyers
	Part VIII	World Federation of Scientific Workers
	Part IX	Trade Union International of Transport, Port and Fishery Workers
		International Federation of Resistance Fighters
	Part X	
	Part XI	The World Peace Council
	Part XII	The World Federation of Trade Unions
		The state of the s

Contents of NIS Units

Chapter I—Brief

CIA—Chapter Coordinator

A brief of Chapters II through IX designed to be sufficient within itself to serve as an initial basis for strategic planning. Section 10 provides a chronology of important events. Section 11 sets forth the significance of the NIS Area covered. Each of Sections 12 through 19 summarizes a Chapter of Chapters II through IX. A section on Leading Personalities identifies outstanding governmental, military, cultural, business and other publicly recognized figures in the various fields of national life. A Master Index correlates Chapter I with the remaining units on the NIS Area concerned. A summary map condenses intelligence selected from the general NIS map coverage of the Area. An NIS Annual is prepared to provide limited maintenance of Chapter I between formal revisions of the Chapter.

Chapter II—Military Geography

Army—Chapter Coordinator

Section 20-Introduction

Army (with joint assistance)

Evaluative overview of the NIS Area's external geographic relationships and its significant internal geographic characteristics, including approaches, internal routes, boundaries, and strategic areas; summary map showing strategic areas, approaches, and internal routes.

Section 21-Military Geographic Regions

Army (with joint assistance)

Descriptive analysis of the Area in terms of regions, in each of which environmental conditions are sufficiently uniform to permit or require the same general type of military operations, equipment, and personnel; tabular summary of the significant geographic characteristics of each region.

NIS CONTENTS

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Section 22—Coasts and Landing Beaches

Navy (with Army assistance)

General description of the entire coast of the Area by sectors, including coastal oceanography and hydrography, terrain backing coasts, exits inland, and number, character, and approximate location of major and minor beach areas and other landing places. For NIS Areas with limited number of beaches, detailed beach data are given in Section 22; for NIS Areas having a large number of beaches, detailed beach data are published in the supporting Supplement II.

Section 23—Weather and Climate

Air Force (with joint assistance)

General weather and climatic conditions; weather in relation to air, airground, ground, and amphibious military operations; meteorological services of the country or Area; climatic charts and tables.

Section 24—Topography

Army

Major factors affecting military operations, including landforms, relief, drainage and water resources, soils, rock types, vegetation, state of the ground, culture features; military evaluation of conditions affecting cross-country movement, construction, and other operations.

Section 25—Urban Areas

Army (with joint assistance)

Patterns of urbanization, and significant environmental factors; general characteristics of urban areas; detailed text and graphic description of key urban areas, including significant political, economic, transportation, and military aspects; summarized descriptions of other selected urban areas. Supplement IV which presents detailed data on urban areas is presently inactive.

Chapter III—Transportation and Telecommunications

Army—Chapter Coordinator

Section 30—Introduction

Army (with joint assistance)

An overall appreciation of transportation and telecommunications in the NIS Area; characteristics of the Area influencing the development and pattern of transportation and telecommunications; the relative significance, functional relationship, and salient characteristics of the basic modes of transport discussed in subsequent Sections of Chapter III.

Section 31-Railway

Army

General survey of railroad transportation in the Area, its pattern, position in the economic structure, relationship to other means of transportation, and adequacy for requirements; characteristics of the network, including line and terminal facilities, construction and maintenance, design and specification standards, and traffic interruption factors; control, organization, and personnel; operations, traffic, and financial characteristics and statistics; equipment types and inventories; individual summaries of selected principal lines.

Section 32—Highway

Army

Survey of highway transportation in the Area, its pattern, position in the economic structure, relation to other transportation media, and its adequacy for requirements; characteristics of the network, including roadway, structures, other facilities, construction and maintenance, traffic interruption factors, and planned development; control and organization; operations, including traffic and financial characteristics; types and inventories of vehicles and other equipment; individual summaries of principal routes.

Section 33—Inland Waterway

Armv

Survey of inland waterway transportation in the Area, its position in the economic structure, relationship to other means of transportation, and its adequacy for requirements; characteristics of the network, including construction

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and maintenance factors; control and organization; operations, detailed data on locks, bridges, ports, craft, and special equipment; individual summaries of selected principal waterways.

Section 34—Petroleum Pipeline

Treated in Subsection 62, C and Supplement V.

Section 35—Ports and Naval Facilities

Joint Army-Navy

Areal distribution and other salient characteristics of ports, naval facilities, and shipyards, and the basic features of the country affecting the development, functioning, and significance of these activities; when there is no Supplement I, detailed descriptions of individual major ports (including berthage, mechanical handling facilities, storage, clearance, estimated military port capacity, trade of port, port plans, etc.) and tabular summaries for minor ports, with corresponding coverage of individual naval facilities and shipyards. Detailed descriptions are summarized in Section 35 when a Supplement I is issued for NIS Areas having a large number of ports.

Section 36—Merchant Marine

Navy

Salient characteristics of the country's merchant marine, including governmental policies, significance in the economy, ownership of the fleet, detailed composition of the fleet and characteristics of vessels, chartering, normal shipping routes and ports of call, and operations and traffic.

Section 37—Civil Air

Air Force (with Navy participation)

Civil aviation within and related to the country, including salient factors in development and present status; governmental control and regulation; international agreements and influences exerted by foreign nations; ownership, organization and operations of both scheduled and significant other air carriers; personnel and training; maintenance; general survey of air facilities (with cross reference to more detailed treatment in Section 83); military potential.

Section 38—Telecommunications

Army

Survey of the telecommunication systems of the Area. Salient points include: adequacy of the various means of communication; patterns of development; administration and control; raw material sources and manufacturing capability; schools and training; operation, quantity, and quality of equipment of domestic and international telephone, telegraph, submarine cable, radio communications and broadcasting facilities; military appreciation and vulnerability.

Chapter IV-Sociological

State—Chapter Coordinator

Section 40-Introduction

State

General character of the society, its culture, social stability, and significant historical aspects, providing a sociological introduction to the country and orientation for the subsequent sections of Chapter IV.

Section 41-Population

State (with Army assistance)

Significant details of demography; population size, composition, and geographic distribution; structure (age-sex patterns, marriage and family groups, working-age and dependent groups); vital statistics, trends, and population movement; population problems and policies.

Section 42--Characteristics of the People

State

Physical and social characteristics as affected by physical environment and historical factors; cultural homogeneity or complexity; languages; national outlook, trends, and attitudes of the people; social structure; social values and patterns; group relations and personality types.

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Section 43-Religion, Education, and Public Information

State

Religion in relation to society and government; principal faiths, membership, activities, and structures; literacy, education, and the national culture; education administration, system and content; media of mass communication, public information, and entertainment, their development and significant characteristics.

Section 44—Manpower

State

Manpower resources; labor force, utilization, planning and control; mobility and hiring practices; working conditions; management and labor relations; organization and labor problems and legislation.

Section 45—Health and Sanitation

CIA (with Army assistance)

Health and sanitation, attitudes and environmental factors; diseases of man and animals; administration of public health; medical programs and organizations; medical personnel, medical care facilities and training; research and supplies.

Section 46—Welfare Sta

Levels of living and social welfare; social security and general welfare legislation; public and private aid and services; social problems in relation to national strength.

Chapter V-Political

State—Chapter Coordinator

Section 50-Introduction

State

The salient political characteristics and developments of the nation, its political strength, international position, and basic objectives, serving as a political introduction to the country and orientation for $Chapter\ V$.

Section 51—The Constitutional System

State

Background and principal features of the constitution, and its regulation of the nation in theory and in practice; constitutional pattern of government; civil and religious rights; constitutional provisions relating to economic, social, and military matters.

Section 52—Structure of the Government

State

Systems of central, regional, and local government; judicial organization and court structure; the bureaucracy; administrative districts; any dependencies and associated states and their relationship to the mother country.

Section 53-Political Dynamics

State

Salient features of the political system; government stability and social tensions; political leadership; extent of political awareness among the populace; relative strength and programs of the political parties; electoral procedures and extent of popular participation; identification and characteristics of major pressure groups.

Section 54—Public Order and Safety

State

Police and penal systems; police agencies and how they operate; criminological facilities; honesty and efficiency of police forces; criminal codes and procedures; penal institutions, including forced labor and concentration camps; civil defense.

Section 55—National Policies

State

Analysis of governmental approach to national and international problems, with emphasis upon long-standing and continuing trends; major issues; governmental position on use and control of nuclear power; foreign relations and alinements; treaties and international commitments; attitude toward foreign investments and aid; defense policies; extent of public support of national policies.

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Section 56-Intelligence and Security

CIA

Agencies concerned with internal security and procurement of intelligence on other countries; demarcations of responsibility; functions: professional standards; security practices; organization; methods of operation; general effectiveness; liaison with other services; key officials.

Section 57—Subversion

State

Subversive situation and capabilities; sources and factors of subversion; subversive groups, both Communist and other, identified and discussed; extent of Communist infiltrations and ability to affect U.S. interests; underground, guerrilla, or resistance movements.

Section 58-Propaganda

State

The national propaganda effort analyzed in terms of organization, scope, objectives, themes, targets, and effectiveness; domestic propaganda, both official and nonofficial; efforts directed abroad; propaganda by foreign countries, as to facilities, themes, audiences, and measurable effectiveness.

Section 59—Biographies of Key Personalities

State

Biographic sketches of national leaders related to the political field; evaluation of character, potential, personal data, career, and achievements; analysis of the common characteristics of the national leadership.

Chapter VI—Economic

Sino-Soviet Bloc Areas: CIA--Chapter Coordinator

Outside Sino-Soviet Bloc Areas: State--Chapter Coordinator

Section 60-Introduction

Sino-Soviet Bloc Areas:

CIA

Outside Sino-Soviet Bloc Areas: State (with joint assistance)

General characteristics of the economy, its energy and raw material base, its development, and the framework of government policy within which it operates; overall information such as gross national product, the skills and distribution of the labor force, and the dynamics and trends of the economy.

Section 61—Agriculture, Fisheries, and Forestry

Sino-Soviet Bloc Areas:

CIA

Outside Sino-Soviet Bloc Areas: State (with joint assistance)

The country's food supply, and food balance; the supply of industrial crops and timber; influence of climate, terrain, government policy and other environmental factors upon agriculture; production methods and skills; comprehensive and detailed data on agriculture, fisheries, and forestry.

Section 62—Fuels and Power

Sino-Soviet Bloc Areas: CIA (with Army assistance)

Outside Sino-Soviet Bloc Areas: State (with joint assistance)

Detailed survey of the country's energy base; solid fuel and petroleum development, reserves, production, processing, distribution, and foreign trade; thermal, hydro, and nuclear electric power development and potential, and details of significant installations. Detailed data on oil and gas are given in Supplement V, Petroleum.

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Section 63—Minerals and Metals

Sino-Soviet Bloc Areas: CIA (with Army assistance)

Outside Sino-Soviet Bloc Areas: State (with joint assistance)

The country's mineral raw material base and its development, government policy on the extractive industries and foreign trade; the iron and steel industry in all phases, including the facilities and products of significant plants; reserves, ore mining, milling, smelting, and refining of copper, lead, and zinc, light metals, precious metals, fissionable materials, and minor nonferrous metals; deposits and output of nonmetallics; cement and flat glass production; other construction materials.

Section 64—Manufacturing and Construction

Sino-Soviet Bloc Areas: CIA (with joint assistance)

Outside Sino-Soviet Bloc Areas: State (with joint assistance)

The manufacture of capital and consumer goods, semifinished materials, and components; government policy toward manufacturing and foreign investment; for each manufacturing sector (such as heavy plant equipment, automotive, chemicals, arms, and ammunition), production and plant descriptions, with assessments of efficiency of operations and quality of goods produced; the construction industry.

Section 65-Trade and Finance

Sino-Soviet Bloc Areas: CIA

Outside Sino-Soviet Bloc Areas:

The country's financial structure and its operation; government fiscal policies; the tax structure, revenues and expenditures, internal and external debt; the banking system; patterns of domestic trade; international trade, the balance of payments, international assets and liabilities, government foreign trade policies and participation therein; cartels.

Chapter VII—Scientific

CIA—Chapter Coordinator

Section 70—Introduction

CIA (with joint assistance)

The fundamental aspects of scientific research and development, including current trends, organization for research, public and private appropriations, and education and training of personnel.

Section 71—Electronics

Navy (with joint assistance)

Capabilities, potential, and research facilities in electronics research and development in the fields of communications equipment, navigation aids, radar, infrared, computers; electronic countermeasures, components; outstanding personalities.

Section 72—Air, Ground, and Naval Weapons

Air Force (with joint assistance)

Research and development capabilities and trends in aircraft and aircraft armament, guided missiles, ground weapons and equipment, antiaircraft weapons and equipment, warship hull design, propulsion, and ordnance; personalities in the fields.

Section 73—Atomic Energy

CIA (with joint assistance)

Overall capabilities in the field of atomic energy, with details of governmental organization, appropriations for research, research facilities; sources and production of basic materials, industrial firms capable of or engaged in an atomic

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energy program; capabilities of application in weapons, power, medical research, and other fields; personalities.

Section 74—Biological Warfare

Army (with joint assistance)

Current capabilities and potential in biological warfare: organization and administration; research, development and field testing of agents; new techniques for dissemination; new materials or techniques for detection, identification, and protection against BW; detailed data on installations and personalities.

Section 75—Chemical Warfare

Army (with joint assistance)

Overall capabilities and potential in chemical warfare including research and development of new agents; stockpiling, field testing, and standardization of materials; techniques and equipment for defensive CW; industrial potential to produce agents and material; locations and descriptions of installations; personalities in the field.

Section 76-Physical Sciences, Mathematics, and Medicine

CIA (with joint assistance)

Evaluation of all significant aspects of scientific research and development which are not otherwise covered in Sections of Chapter VII but have potential military significance; as pertinent, subjects include chemistry, metallurgy, fuels, meteorology, geology, geophysics, oceanography, cosmic rays, low temperature physics, optics and photography, mathematics, and medicine

Chapter VIII—Armed Forces

Army—Chapter Coordinator

Section 80-Introduction

Army (with joint assistance)

Appraisal of armed forces in overall terms; personnel strength by component; high command structure and position of the forces in the nation; available military manpower, qualitative aspects, and conscription system; international agreements; legal basis for armed forces; economic basis; military appropriations for selected years.

Section 81—Ground Forces

Army

Assessment of ground force capabilities; administrative and tactical organization; order of battle; strategic doctrines; permanent defenses; tactics; personnel; reserve and mobilization systems; training; logistics; materiel; quasi-military and other ground forces; key military personalities.

Section 82-Naval Forces

Navy

Appraisal of naval combat potential; discussions of organization, strength and disposition of personnel and ships, policy and doctrine, reserve and mobilization systems, training, logistics, ship design and characteristics, and materiel; key naval personalities.

Section 83—Air Forces

Air Force (with Navy participation)

Appraisal of the air force in terms of size, characteristics, and capabilities; air significance of the Area; historical development; mission and doctrine; organization; operational systems; personnel; training; logistics and materiel; reserve and mobilization systems; air facilities; key air force personalities. The naval air arm is separately considered when applicable.

Chapter IX—Map and Chart Appraisal

CIA—Chapter Coordinator

Section 90-General

CIA, Army, Navy, Air Force

Development and current status of mapping and charting, and of geodetic, hydrographic and oceanographic surveys; availability and coverage of aerial photography; major deficiencies in mapping and charting data and in published maps and charts; mapping and charting programs underway or projected.

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Section 91—Selected Maps, Charts, and Plans CIA (with joint assistance)

Recommendations of the best maps and charts for the subject fields of Chapters II through VIII; each map or group of maps identified as to coverage, characteristics, and availability, and evaluated in terms of accuracy and value for specific purposes.

Section 92—Indexes of mapping data and coverage CIA (as coordinating staff) age

Graphic indexes and brief descriptions of significant mapping data and recommended map and chart coverage.

Supplement I—Ports and Naval Facilities

Joint Army-Navy

Section 1 of this detailed Supplement to Section 35 is an alphabetical listing of all ports, naval facilities, and shipyards with locations and category of each, followed by standard definitions for category designation, berthage and military port capacity estimates, and other terms. Section 2 describes each selected Principal Port in terms of harbor, facilities, port trade and operations, and estimated military port capacity, with comparable details on related naval facilities and shipyards. Section 3 provides similar detail for each Secondary Port. Section 4 is a summary tabulation of details for Minor Ports. Sections 5 and 6, respectively, summarize naval facilities and shipyards in the Area, followed by detailed descriptions of installations.

Supplement II—Coasts and Landing Navy (with Army assistance) Beaches

General description of the entire coast by sectors, and detailed tabular descriptions and illustrations of major and minor beach areas, supplementing the material in Section 22. Issued for NIS Areas having a large number of beach areas.

Supplement III—Telecommunications

Army

Section 1 of this Supplement to Section 38 presents detailed data on telephone facilities and operations. Section 2 gives similar details for telegraph, Section 3 for radio, and Section 4 for submarine cables.

Supplement IV—Urban Areas

Army (with joint assistance)

Section 1 of this detailed Supplement to Section 25 indicates the basis for selection of urban areas discussed, lists all urban areas discussed, and summarizes environmental factors. Section 2 describes each Principal Urban Area in detail. Section 3 gives a summary tabulation for each Secondary area selected. Section 4 is a tabulated summary of details for a selected group of urban areas of less importance. Section 5 is an alphabetical list of all urban areas treated in Supplement IV.

Supplement V—Petroleum

Sino-Soviet Bloc Areas: CIA

Outside Sino-Soviet Bloc Areas: State (with Interior assistance)

Section 1 of this detailed Supplement to the discussion of oil and gas in Section 62 discusses basic petroleum geology of the NIS Area, exploration and development, and reserves. Production, overall and by major fields, is discussed in Section 2. Refining and processing facilities and operations are treated in Section 3. Section 4 discusses all phases of petroleum transportation. Nature, volume, and sources of equipment and supplies for the industry are treated in Section 5. Section 6 is a detailed discussion of petroleum requirements and supply, including strategic supply position. Economic and political aspects of

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the industry are discussed in Section 7. Section 8, when appropriate for the Area, is a comprehensive discussion of natural gas.

Supplement VI—Communism

State

Section 1 of this detailed Supplement on Communism in the NIS Area is an evaluative summary of activities, tactics, objectives, and relationships outside the country. Section 2 traces historical development and current trends. Size, structure, and characteristics are discussed in Section 3. Role in the national political life is assessed in Section 4. Method and extent of penetration of government, police, and the armed forces are surveyed in Section 5, penetration of labor and agrarian movements in Section 6, and infiltration and exploitation of miscellaneous groups in Section 7. Section 8 discusses espionage, sabotage, and related activities. Section 9 gives biographic detail on leading Communist personalities.

Marine Climate and Oceanography

Navy

Section 1 is a detailed textual and graphic coverage of climatic controls and of climatic elements by seasons or regimes. Section 2 treats the oceanography of the NIS Area, including marine geology and geophysics, currents, ice, sea and swell, sea water characteristics, and marine biology. Section 3 covers the effects of climatic and oceanographic conditions on air, surface, and subsurface military operations, including missile, radar, mining, air-sea rescue, and under water sound. Section 4 presents, largely through graphics, the marine climate and oceanography of selected straits.

International Communism

State

Part I is an integrated coverage of worldwide Communist front organizations. Section 1 is an evaluative summary of the nature, purpose, scope, and activities of the world Communist movement; Section 2 is an analytical survey of basic Communist concepts, doctrines, and tactics; Section 3 surveys the historical development and present characteristics of the Communist movement. Each subsequent Part, II through XII, is a detailed discussion of a specific Communist front movement, in terms of its origin and purpose, structure and control, headquarters organization and operations, operational strategy and tactics, national affiliates, relations with other international organizations, key personality biographies, and principal sources.

Key Personalities

CIA (with joint assistance)

A consolidated reference work of biographies of persons influential in politics, cultural life, industry, the armed forces, and scientific and technical activities; listing of important activities in the country, with names and positions of leading personalities in each; leadership patterns and power complexes.

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NIS Correlation Guide

The NIS Correlation Guide indicates major interrelationships of NIS subject matter. The Guide is designed primarily for use by the NIS analysts but it should also prove useful in the review, editing, and coordination of the NIS material as well as in the revision of the NIS under the Maintenance Program.

The Guide lists under each NIS section heading the principal topics in other sections that contain related subject matter. The topics listed are not all exact titles; some are titles of subsections, others merely descriptive. Because of the complexity of the subject matter involved, only the principal interrelationships are listed. Additional relationships can be determined by reference to the detailed outline of other pertinent sections.

For the Analyst—the Guide is a means for obtaining more consistency in subject matter and a better balance of treatment. It is also an aid in cross-referencing.

For the User—the Guide supplements the topical outline and facilitates reference to other sections containing related subject matter.

For Maintenance—the Guide is an aid in determining gaps in information and in obtaining consistency and continuity in subject matter throughout the NIS.

Consistent use of the Correlation Guide in all phases of the NIS Program is designed to result in the production of better integrated basic intelligence.

Chapter I-Brief

Since Chapter I is an overview of the whole NIS Area and the text is brief, some topics covering detailed aspects are eliminated; and many of the normal relationships between Chapters II through IX are not evident. Sections of Chapter I, in contrast with those of other NIS chapters, are not designed to be issued separately but are published

in a single, integrated volume. The sections depend upon Chapters II through IX for background material. The Master Index for an NIS, published as frontis material in each Chapter I, indicates the appropriate NIS section where the more detailed information may be found.

Chapter II-Military Geography

Section 20 Introduction

In addition to other Chapter II sections and Supplements II and IV:

- Sec. 31 Rail facilities
- Sec. 32 Road facilities
- Sec. 33 Waterway characteristics
- Sec. 35 Port and naval facilities
- Sec. 37 Air facilities
- Sec. 38 Communication centers
- Sec. 41 Population concentrations
- Sec. 42 Ethnic concentrations
- Sec. 43 Cultural concentrations
- Sec. 45 Topographic and climatic environmental factors affecting health
- Sec. 52 Boundaries

- Sec. 55 Boundary rectification problems
- Sec. 63 Mining development and mineral resources
- Sec. 64 Key industries
- Sec. 81 Strategic problems and special operations
- Sec. 82 Naval facilities
- Sec. 83 Air facilities
- Ch. IX Physical maps, navigation charts, plans of urban areas, transportation and economic maps
- Section 21 Military Geographic Regions
 - Sec. 22 Coastal zones and landing beaches
 - Sec. 23 Weather conditions affecting military operations

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Sec.	25	Urban areas	Sec. 31	Rail facilities
Sec.	_	Rail facilities	Sec. 32	Road facilities
		Road facilities	Sec. 33	Rivers, canals, and lakes; dams
		Waterway characteristics	Sec. 37	
		Ports and naval facilities		Forests and vegetation
		Air facilities		Geology of fuels; dams
Sec.	62		Sec. 63	
0	0.1	underground installations	Dec. 00	quarries
Sec.	81	Strategy and defenses; underground installations	Sec 83	Air facilities
Sec.	g9	Naval facilities		Physical maps, transportation maps,
		Air facilities	OII. 121	and economic maps; aerial photog-
		Physical maps, charts, plans of ur-		raphy
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		nomic maps; aerial photography	Section 25	URBAN ÁREAS
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Hec.	32	Road, exits inland and major routes	Sec. 32	and adequacy; repair and service
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		oceanographic charts and maps;	Sec. 42	2 Ethnic characteristics
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ន up	. II	Coasts and landing beaches	Sec. 44	
1	For 1	related offshore oceanography and ma-	Sec. 45	
		climate refer to the appropriate Part		
		S 104 through 107.)	Sec. 46	9
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a tree		and cross-country movement		bility
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Ston	g i	Climatic factors affecting agricul-	Sec. 81	Land fortifications; billeting; mili-
sec.	. 61	ture, fisheries, and forestry		tary storage facilities
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		Air operations	Ch. IX	
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		related offshore oceanography and ma-		munications; aerial photography
		climate refer to the appropriate Part		
		S 104 through 107.)		Q
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Chapter III-Transportation and Telecommunications

SECTION 30 INTRODUCTION

In addition to other Chapter III Sections and Supplements I and III, all Chapter VI Sections for economically significant aspects relating to transportation:

- Sec. 20 Strategic routes, approaches and internal routes
- Sec. 25 Urban area concentrations

SECTION 31 RAILWAY

- Sec. 20 Strategic routes
- Sec. 21 Regional aspects of terrain and climate
- Sec. 23 Deterrent and destructive weather and climate effects on equipment and operations
- Sec. 24 Significant terrain characteristics; construction and maintenance problems related to topography; strategic routes; water supply
- Sec. 25 Important rail junctions; water supply; electric power
- Sec. 32 Interrelation of rail and highway operations and structures
- Sec. 33 Interrelation of rail and inland waterway operations; bridges, and ferries
- Sec. 35 Rail and port connections
- Sec. 38 Interrelation of rail and telecommunications operations
- Sec. 44 Manpower analysis; standards and practices of employment; labor relations and organization
- Sec. 46 Health and retirement provisions
- Sec. 52 Government control or supervision
- Sec. 61 Timber for construction; traffic
- Sec. 62 Fuel resources and traffic; developments in electrification
- Sec. 63 Construction materials; ballast; traffic
- Sec. 64 Rolling stock production; motive power; repair facilities; construction materials and related industry; traffic
- Sec. 65 Budget allocations; importation of railroad equipment
- Sec. 81 Logistics
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SECTION 32 HIGHWAY

- Sec. 20 Strategic routes
- Sec. 21 Regional aspects of terrain and climate

- Sec. 23 Deterrent and destructive weather and climate effects on roads and traffic
- Sec. 24 Significant terrain characteristics; construction and maintenance problems related to topography; strategic routes
- Sec. 25 Important highway junctions
- Sec. 31 Interrelation of highway and rail operations; bridges and ferries
- Sec. 33 Interrelation of highway and inland waterway operations; bridges and ferries
- Sec. 35 Port-highway connections
- Sec. 52 Governmental control or supervision
- Sec. 61 Agricultural traffic
- Sec. 62 Availability and types of fuel; traffic
- Sec. 63 Construction materials; traffic
- Sec. 64 Production of motor vehicles; construction materials and related industry; traffic
- Sec. 65 Budget allocations; importation of highway equipment
- Ch. IX Highway maps

SECTION 33 INLAND WATERWAY

- Sec. 20 Strategic routes
- Sec. 21 Regional aspects of terrain and climate
- Sec. 22 Nearshore oceanography
- Sec. 23 Deterrent weather and climate factors
- Sec. 24 Significant terrain characteristics; drainage pattern; dams, terrain, etc.
- Sec. 31 Interrelation of inland waterway and rail operations; bridges and ferries
- Sec. 32 Interrelation of inland waterway and highway operations; bridges and ferries
- Sec. 35 Interrelation of inland waterways and ports; traffic; clearance
- Sec. 36 Shipping routes and ports of call; traffic; trade
- Sec. 52 Governmental control or supervision
- Sec. 61 Agricultural traffic
- Sec. 62 Dams (hydroelectric) etc.; traffic
- Sec. 64 Production of river craft, tugs, etc.; traffic
- Sec. 65 Budget allocation; trade of ports and economic significance
- Ch. IX Inland waterway maps and maps and charts of ports and harbors

(For related offshore oceanography and marine climate refer to the appropriate Part of NIS 104 through 107.)

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Dec. 20	geography of Area	Sec. 82	Merchant marine and other auxiliary
Sec. 22	Coasts and landing beaches		force
Sec. 23	Effects of weather and climate on	Section 37	Civil Air
	operations	Sec. 23	Air operations
Sec. 25		Sec. 24	Constructional aspects of airfields
	Rail facilities and clearance	Sec. 52	Governmental control or supervision;
	Highway facilities and clearance		legislation
Sec. 33	Interrelation of ports and inland waterways	Sec. 55	National policies; international aspects
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Sec. 52	Governmental control or supervision	Sec. 62	Availability of fuels
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Chapter IV-Sociological

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Sec. 50	Environmental factors Main political factors affecting social structure, institutions, and attitudes	Sec. 25	Urbanization and patterns of settle- ment
Sec. 55	National policies toward social prob- lems	Sec. 42	Population traits affecting density and general movement; distribution of ethnic groups, minorities, etc.
•	Main economic factors affecting social structure, institutions, and attitudes	Sec. 44	Relation of age-sex distribution to labor force and working-age segment
Ch. IX	Sociological maps		of population

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- Sec. 21 Climatic and topographic environment

 Sec. 25 Urban areas
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